



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 45 ] नई दिल्ली, शनिवार, नवम्बर 14, 1981 (कार्तिक 23, 1903)  
No. 45] NEW DELHI, SATURDAY, NOVEMBER 14, 1981 (KARTIKA 23, 1903)

इस भाग में भिन्न पृष्ठ संख्या दी जाती हैं जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

### भाग III—खण्ड 2

#### [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 14th November 1981

#### SPECIAL NOTICE

PATENT OFFICE WAS CLOSED FROM 5TH OCTOBER, 1981 TO 10TH OCTOBER, 1981 (FROM 5TH TO 8TH OCTOBER ON ACCOUNT OF DURGA PUJA, 9TH ON ACCOUNT OF ID & 10TH BEING 2ND SATURDAY). CONSEQUENTLY THERE WILL BE NO ISSUE OF THE GAZETTE DATED 7TH NOVEMBER, 1981.

#### CORRIGENDUM

In the Gazette of India, Part III, Section 2, dated the 20th June 1981 under the heading "COMPLETE SPECIFICATION ACCEPTED".

In page 352, column 1, line 10 against No. 148821 please insert "Convention Date 4th September 1978, (U.K. Application No. 35489/78)" below Application No. 670/DEL/78 etc.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

29th September, 1981

1090/Cal/81. Stauffer Chemical Company Selective rice herbicide.  
1-327GI/81.

1091/Cal/81. Union Carbide Corporation. Production of silane modified copolymers of alkylene-alkyl acrylates, polysiloxanes having combined therein organo titanates and the use thereof in the production of silane modified copolymers of alkylene-alkyl acrylates.

1092/Cal/81. Union Carbide Corporation. Method for reducing melt fracture during extrusion of a molten narrow molecular weight distribution, linear, ethylene copolymer.

30th September, 1981

1093/Cal/81. Huemer Franz. Pack-sack, particularly made out of plastics.

1094/Cal/81. Ganz-Mavag Mozdony-, Vagon-ES Gepgyar. Pump for delivery of liquids, mainly of slurries.

1095/Cal/81. Dynamit Nobel Aktiengesellschaft. Process for the crystallisation of difficultly soluble materials and crystallisation apparatus.

1096/Cal/81. Union Carbide Corporation. Process for the selective hydroformylation of methanol to acetaldehyde.

1097/Cal/81. Nittetsu Steel Drum Co., Ltd. Metal containers and their manufacturing method and apparatus.

1st October, 1981

1098/Cal/81. J. W. Hicks, Jr. Wavelength selective optical waveguide coupler.

1099/Cal/81. Beloit Corporation. Method for producing a fiber pulp having improved opacity at a high yield from bagasse.

- 1100/Cal/81. Institut Fizicheskoi Khimii imeni L. V. Pisarzhevskogo Akademii, Nauk Ukrainskoi SSR. Chemical power supply.
- 1101/Cal/81. Combustion Engineering Inc. Removable seal for ash hoppers and the like.
- 1102/Cal/81. Gould Inc. Sealed deep-cycle lead acid battery.
- 1103/Cal/81. Krupp-Koppers GMBH. Restraining system for avoiding tensile and compressive stresses in brick plates which may be multi-layered.
- 1104/Cal/81. Rosemount Inc. Capacitive pressure transducer with isolated sensing diaphragm.
- 1105/Cal/81. Lodge-Cottrell Limited. Gas/liquid contact processes. (October 3, 1980).
- 1106/Cal/81. Pont-A-Mousson S.A. Gate valve.
- 1107/Cal/81. Cselt-Centro Studi E Laboratori Telecomunicazioni. S.p.A. Method of and system for satellite-switched time-division multiple access.

3rd October, 1981

- 1108/Cal/81. Hoechst Aktiengesellschaft. Process and test specimen for determining the adhesion to glass of interlayers for laminated glass by the tensile shear test.
- 1109/Cal/81. Gordon Elliott, Stephen Elliott and Frank Elliott. Auxiliary ventilation system for underground sites. (October 6, 1980).
- 1110/Cal/81. Institut Francais Du Petrole. Xanthan gums enzymatic clarification process for improving their injectivity and filtrability.
- 1111/Cal/81. Mitsuiotsu Chemicals, Inc. Novel 2-arylethyl ether or thioether derivatives and processes for preparation thereof and insecticidal and acaricidal agents containing said derivatives.
- 1112/Cal/81. M. & T. Chemicals, Inc. Diester composition and textile processing compositions therefrom.
- 1113/Cal/81. American Standard Inc. Control valve arrangement for combined brake cylinder and air reservoir device.
- 1114/Cal/81. S. T. Vishwakarma. Kerosene driven fan.

12th October, 1981

- 1115/Cal/81. Schubert & Salzer Maschinenfabrik Aktiengesellschaft. Pivotable spindle mounting.
- 1116/Cal/81. Mars Limited. Gelling system. (October 9, 1980).
- 1117/Cal/81. T. Lentjes. Container.
- 1118/Cal/81. Iatika Roy. A new polymer saddle for bicycle, tricycle and like vehicle.

13th October, 1981

- 1119/Cal/81. British Sidac Limited. A backwashable filter.
- 1120/Cal/81. British Sidac Limited. A backwashable filter.
- 1121/Cal/81. Paramex Chemicals Limited. Improvements in or relating to the scouring of elongate material. (October 14, 1980).
- 1122/Cal/81. Pennwalt Corporation. Process for preparation of "N-[Amino (or hydroxy) phenethyl]-1, 2, 3, 4-tetrahydroiso-quinolines precursors thereof.
- 1123/Cal/81. West Point Foundry and Machine Company. High pressure sizing apparatus and method.

14th October, 1981

- 1124/Cal/81. Magyar Tudományos Akademia Kozponti Hivatala and Lenin Mezogazdasagi Termeloszovetkezet Tiszafoldvar. Method for increasing the biological value of manures, dungwaters, organic wastes and/or soils rich in lysine.

- 1125/Cal/81. Shell Internationale Research Maatschappij B. V. A process for the preparation of oxygen-containing organic compounds and paraffinic hydrocarbons.
- 1126/Cal/81. SMS Schloemann-Siemag Aktiengesellschaft. Apparatus for lubricating tools on directly or indirectly operating metal extrusion presses and/or tube extrusion presses.
- 1127/Cal/81. United Technologies Corporation. Method of manufacturing a filament wound article.
- 1128/Cal/81. Hoechst Aktiengesellschaft. Process for preparing pigment granules and method of using same.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, TODI ESTATES, THIRD FLOOR, LOWER PAREL (WEST), BOMBAY-400 013

16-9-1981

- 266/Bom/81. The Bombay Textile Research Association. A method of printing of Textiles with Dyes and Pigment through Form (A New Medium) Application Technique.
- 267/Bom/81. Jashbhai Jhaverbhai Patel. Collapsible containers.
- 268/Bom/81. Litex Electricals Private Limited. Process for the manufacture of electric Incandescent lamps.

17-9-1981

- 269/Bom/81. Rajiv Vasantrao Bhagwat. Pellet Dispensing Pen.

18-9-1981

- 270/Bom/81. Concord Appliances. A level indicator for water filter.

19-9-1981

- 271/Bom/81. Navinchandra H. Shah. Kitchen Mate.

22-9-1981

- 272/Bom/81. Priyal Khanderao Kulkarni and Vijay Priyal Kulkarni. Improvements in or relating to case for keeping soap cake.

23-9-1981

- 273/Bom/81. Deep Metal Industries. Chapatti/Puri/Papad dough press and method of manufacturing such dough press.

26-9-1981

- 274/Bom/1981. Kishore Beharilal Chhabria. Process for the preparation of polyurethane polymers.

28-9-1981

- 275/Bom/81. Kishore Pumps Private Limited. Improvements in centrifugal pumps.

- 276/Bom/81. Pandurang Bhawanishankar Palekar and William Abraham. Closure cap.

APPLICATION FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600002

24th September, 1981

- 173/Mas/81. K. R. Rao, B. L. Deekshatulu, O. P. Bajpai, Y. R. Babu and R. Ramachandran. Optical Reflecting Projector.

26th September, 1981

- 174/Mas/81. Brakes India Ltd. 'S' Cam Brake Sliding Shoe.

- 175/Mas/81. K. R. Rao, B. L. Deekshatulu, K. M. Rao, D. S. Jain, B. D. S. Balachandrudu, I. V. V. Kumar and S. R. Kumar. Interface between Drum Scanner-Imager and DPD-11 computer.

28th September, 1981

176/Mas/81. The Fertilisers and Chemicals Travancore Ltd.  
An Overhead Travelling Conveyor Crane Assembly.

177/Mas/81. C. P. Muhammad. Improvements in or relating to Folding Umbrella.

29th September, 1981

178/Mas/81. P. A. Joseph. Floor Cleaners.

179/Mas/81. A. V. Krishnan. Improvements in or relating to Brief.

180/Mas/81. U. N. Das. Anti Cancer & Immunological Therapy, a Pharmaceutical preparation, under the Trade Name of 'COLCANAD'.

3rd October, 1981

181/Mas/81. J. Babu. A Blind.

6th October, 1981

182/Mas/81. T. Seshagiri. Improvements in or relating to Weighing Machines Incorporating Load Cells.

183/Mas/81. R. K. Raman & Dr. N. K. Chourishi. A Modified process for Oxalic Acid from Molasses by Nitric Acid Oxidation in Sulphuric Acid Medium.

8th October, 1981

184/Mas/81. C. S. Rao. A Typewriter Copying Aid.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 64B. 149352.  
Int. Cl.-H01r 13/00, 21/00.

## IMPROVEMENTS IN OR RELATING TO ELECTRICAL PLUGS.

*Applicant* : WARD & GOLDSTONE LIMITED, OF FREDERICK ROAD, SALFORD, MANCHESTER, M6 6AP, ENGLAND.

*Inventor* : JAMES LANG.

Application No. 1335/Cal/77 filed August 26, 1977.

Convention date August 26, 1976/(35448/76) U.K.

Convention date January 13, 1977/(01260/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 Claims.

A moulded-on electrical plug comprising an insulated base insert having mounted therein metal pins for insertion in an electrical socket and to which are electrically connected the conductors of an electrical cable, and an insulating body integrally moulded with the base insert wholly to enclose the pin/conductor terminals, which, prior to moulding on of the integral body are shielded by an insulating cover.

Comp. Specn. 12 Pages.

Drg. 2 Sheets.

CLASS 174B & G.

149353.

Int. Cl.-B68g 5/00.

## A COMPRESSION-TYPE CUSHIONING PAD.

*Applicant* : MIDLAND-ROSS CORPORATION, OF 55, PUBLIC SQUARE, CLEVELAND, OHIO 44113, UNITED STATES OF AMERICA.

*Inventor* : ANDREY L. ZANOW.

Application No. 1532/Cal/77 filed October 25, 1977.

Convention date October 17, 1977/(43101/77) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A compression-type cushioning pad comprising a plate member having an elastomeric cushion bonded to a side of said member, said cushion having alternate ridges and valleys extending across the pad, each of said ridges being of maximum cross-sectional area at its midpoint and the opposing sides of said ridges diverging from their midpoint to the outer ends of the ridges, the opposing sides of said ridges being so contoured that upon the application of a predetermined compressive load to said pad, the opposing sides of said ridge engage first at the midpoint thereof and under increasing compressive load the engagement between said opposing sides progresses toward the ends of said ridges.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 133A.

149354.

Int. Cl.-H02b 1/00.

## CONTROL DEVICE FOR THYRISTOR-FED D.C. MOTOR.

*Applicant* : SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

*Inventor* : HORST ZIMMERMANN.

Application No. 6/Cal/78 filed January 2, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A control device for a thyristor-fed d.c. motor, the device comprising a housing; a base wiring plate carried by the housing, the base plate being provided with terminals for receiving external signals and supply voltages, with first and second connector portions of a plug-in type, and with electrical connections between said terminals and connector portions a first printed circuit board carrying a power supply for the device and an electrical connector portion adapted to plug into said first connector portion; a second printed circuit board carrying current control circuitry for outputting control signals for thyristors of a d.c. motor, the second board carrying an electrical connector portion adapted to plug into said second connector portion.

Comp. Specn. 13 Pages.

Drg. 4 Sheets.

CLASS 68A.

149355.

Int. Cl.-H02j 7/00.

## A SELF-REGULATING POWER SYSTEM.

*Applicant* : TIDELAND SIGNAL CORPORATION, AT POST OFFICE BOX 52430, HUSTON, TEXAS 77052, UNITED STATES OF AMERICA.

*Inventor* : CARL LEROY KOTILA.

Application No. 111/Cal/78 filed January 31, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A self-regulating power system comprising a plurality of solar photovoltaic cells connected in series, a battery connected in parallel with the series connected cells, a blocking means connected between the cells and the battery for allowing the cells to charge the battery, characterised in that the number of solar cells connected in series is such that the full charge voltage of the battery is greater than the reverse bias voltage required to reduce the current output from the series connected cells, but is less than the reverse bias voltage to entirely stop the current output from the cells without overcharging the battery thereby providing self regulation preventing overcharge of the battery.

Comp. Specn. 12 Pages.

Drg. 2 Sheets.

CLASS 181.

149356.

Int. Cl.-F16j 15 00.

## SLIDABLE SEALING RINGS FOR SHAFTS OF FLUID PUMPS SUBJECT TO THERMAL SHOCKS.

*Applicant* : KLEIN, SCHANZLIN & BECKER AKTIENGESELLSCHAFT, OF POSTFACH 225, JOHANN-KLEIN STRASSE 9, D-6710 FRANKENTHAL (PFALZ), FEDERAL REPUBLIC OF GERMANY.

*Inventor* : FRANZ-XAVER KALVODA.

Application No. 146/Cal/78 filed February 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

Slidable sealing rings for use with shafts of fluid pumps subject to conditions of temperature shock, characterized in that parts of the surface of the sealing ring which are proximate the fluid being pumped and so subjected first to temperature shock are provided with one or more layers of a heat insulating material having a smaller coefficient of thermal conductivity than the material of which the sealing rings are made.

Comp. Specn. 5 Pages.

Drg. 2 Sheets.

CLASS 48A<sub>2</sub>.

149357.

Int. Cl.-H01b 7/06.

## MOISTURE-PROOF ELECTRICAL POWER CABLE WITH PLASTIC INSULATION.

*Applicant* : KABEL-UND METALLWERKE GUTEHOF-FNUNGSHUTTE AKTIENGESELLSCHAFT, OF VAHRENWALDER STRASSE 271, 3000 HANNOVER, GERMANY.

*Inventor* : DR. ING. GERHARD ZHEMUK.

Application No. 169/Cal/79 filed February 24, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Moisture-proof electrical power cable with plastic insulation, particularly for high or extra-high tension, with a closed metallic sheath surrounding the insulation and an outer conducting layer located on top of the latter, characterized in that below the closed sheath a spiral-shaped metal strip spaced clear of the core is arranged, the thickness  $S$  of which is matched to the expansion behaviour of the plastic material, used for the insulation, with increases in temperature, and is selected to meet the requirement.

$$S \min = \alpha \Delta \theta d$$

where  $\alpha$  is the coefficient of thermal expansion of the core of the cable  $\Delta \theta$  is the difference in temperature between the mean core temperature and ambient, at maximum cable load, and  $d$  is the diameter of the core of the cable at 20°C.

Comp. Specn. 13 Pages.

Drg. 1 Sheet.

CLASS 48C.

149358.

Int. Cl.-H01b 3/00.

## ELECTRICALLY INSULATED WINDINGS.

*Applicant* : HITACHI LTD., OF 5-1, 1-CHOME, MARU-NOUCHI, CHIYODA-KU, TOKYO, JAPAN.

*Inventors* : TAKESHI HAKAMADA, HIDEYO HIRATA AND TOSHIO KATOH.

Application No. 279/Cal/78 filed March 15, 1978.

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

An electrically insulated winding comprising an electric winding and an insulating layer comprising an insulating tape wound around the electric winding, wherein said wound insulating tape is impregnated with a resin which has been cured after impregnation and said resin consists of the first resin and the second resin, the first resin being superior to the second resin in permeability for the gas generated in the insulating layer, the second resin being superior to the first resin in the adhesive force between the tapes after curing of the resins, and a ratio  $b/a$  of the amount of the second resin  $b$  to the amount of the first resin  $a$  being 1:0.5 to 1:5 by weight.

Comp. Specn. 17 Pages.

Drg. 2 Sheets.

CLASS 203.

149359.

Int. Cl.-B65h 45/00.

## IMPROVEMENTS IN OR RELATING TO GUIDING ARRANGEMENTS FOR PAPER SHEETS IN PARTICULAR FOR TELEPRINTERS.

*Applicant* : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, FEDERAL REPUBLIC OF GERMANY.

*Inventors* : FINGELMANN GOTTFRIED AND GUNTER CHRISTOPH.

Application No. 445/Cal/78 filed April 24, 1978.

Convention date August 9, 1977/(33278/77) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A guiding arrangement for paper sheet particularly for use in teleprinters which is perforated along two opposite edges, the arrangement comprising : an elongate platen which is tubular at each end and is provided at each end and around the periphery thereof with a plurality of uniformly spaced apertures of which corresponding edges lie in substantially one plane which is perpendicular to the longitudinal axis of said platen, there being provided within each tubular end of the platen a wheel having a plurality of radially extending pins whose mutual spacing corresponds to that of said apertures characterised by that each wheel is mounted for rotation with its axis parallel to and eccentric of said platen axis so that some of said pins project through ones of said apertures to the exterior of the platen.

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 116G &amp; 195E.

149360.

Int. Cl.-B65g 53/00.

## A DEVICE FOR THE INTRODUCTION OF ADDITIONAL QUANTITY OF GASES IN PNEUMATIC CONVEYING LINE PARTICULARLY USED FOR CONVEYING HIGH DENSITY MATERIAL.

*Applicant* : BRENNSTOFFINSTITUT FREIBERG, OF 92 FREIBERG, HALSBRUCKER STRASSE, GERMAN DEMOCRATIC REPUBLIC.

*Inventors* : DIPL.-ING. KRETSCHMER, ING. RAUER BERND AND DIPL.-ING. TIETZE, GUNTER.

Application No. 862/Cal/78 filed August 5, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 3 Claims.

A device for the introduction of additional quantity of gases in pneumatic conveying line particularly used for conveying high density material, characterized by that the conveying pipe (5) is surrounded by a circular chamber (6) formed between two circular parts (1) and (2) and a casing (3) fitted in a gas-tight manner, the ring (5) being made of elastic material and having a tapered end, the tapering end thereof being sealed against a tapered portion (1A) of the circular part (1), a gap (8) between the circular part (1) and the elastic ring (4) and circular part (2), said gap being provided for the introduction of additional conveyor gas supplied to the chamber (6) through an inlet connecting pipe (10) whereby in case of falling gas pressure in the chamber (6) is allowed to sit tightly on the circular part (1) by means of a trapezoidal nut (7) and wherein when the pressure in the chamber (6) is higher than the pressure in the pipeline (5) gas under higher pressure entering through pipe (10) into chamber (6) and from chamber (6) entering the gap (8) to cause the end of the elastic ring (4) to deform thereby enabling gas under pressure to enter the pipe-line (5).

Comp. Specn. 8 Pages.

Drg. 1 Sheet.

CLASS 93.

149361.

Int. Cl.-C04b 5/02.

### METHOD FOR GRANULATING BLAST FURNACE SLAG WITH WATER.

*Applicant* : RASA TRADING CO. LTD., AT NO. 6, 2-CHOME, KAYABACHO, NIHONBASHI, CHUO-KU, TOKYO, JAPAN.

*Inventors* : NISABURO OIKAWA AND AKIRA TAKANO.

Application No. 979/Cal/78 filed September 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 2 Claims.

A method for granulating blast furnace slag with spreading much cooling water over the molten slag discharged from blast furnaces so as to quench and divide said molten slag into innumerable particles of slag and separating cooling water from said particles of slag, said method comprising the steps of :

(a) maintaining the flow rate of said molten slag at constant level by a constant rate discharging device which is installed in the passage of said molten slag.

(b) spreading cooling water over said molten slag of constant flow rate and dividing said molten slag into particles within said cooling water;

(c) introducing said particles of slag into a stirring tank together with said cooling water in the form of granulated slag slurry, and then allowing a part of high temperature water in said granulated slag slurry to overflow, stirring and cooling said granulated slag slurry by supplying cooling water into said stirring tank, and transferring thus formed thickened granulated slag slurry into dewatering storage tanks;

(d) subjecting said granulated slag slurry in said dewatering storage tanks to liquid-solid separation of filtration and temporarily reserving thus obtained granulated slag within said dewatering storage tanks;

(e) introducing said overflow water from said stirring tank and the filtrate from said dewatering storage tank into a sedimentation tank together with the fine particles of slag contained therein, settling said fine particles of slag to form thickened granulated slag slurry, returning said thickened granulated slag slurry into said dewatering storage tanks and combining said slag slurry with the granulated slag slurry that is directly fed from said stirring tank so as to be subjected to liquid-solid separation.

Comp. Specn. 19 Pages.

Drg. 5 Sheets.

CLASS 99E.

149362.

Int. Cl.-D01j 9/00.

### PROCESS TO PRODUCE INORGANIC HOLLOW FIBERS.

*Applicant* : MONSANTO COMPANY, AT 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63166, UNITED STATES OF AMERICA.

*Inventor* : EMERICK JOSEPH DOBO.

Application No. 502/Cal/79 filed May 15, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 13 Claims. No drawings.

A process comprising (a) preparing a solution of an organic fiberforming polymer as hereinbefore described containing, in a uniformly dispersed form, a sinterable inorganic material; (b) extruding the inorganic material-containing polymer solution through a hollow fiber spinneret; (c) forming a polymeric precursor hollow fiber, laden with the inorganic material; (d) treating as hereinbefore described the polymeric precursor hollow fiber to remove the organic polymer as hereinbefore described; and (e) sintering the resulting inorganic material in hollow fiber form.

Class 26 Pages.

Drgs. Nil.

CLASS 174B & G.

149363.

Int. Cl.-B68g 5/00.

### A COMPRESSION-TYPE CUSHIONING PAD.

*Applicant* : MIDLAND-ROSS CORPORATION, OF 55, PUBLIC SQUARE, CLEVELAND, OHIO 44113, UNITED STATES OF AMERICA.

*Inventor* : ANDREY L. ZANOW.

Application No. 1332/Cal/80 filed December 1, 1980.

Convention date October 17, 1977/(43101/77) U.K.

Division of Application No. 1532/Cal/77 filed October 25, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

### 10 Claims.

A compression-type cushioning pad comprising a plate member having an elastomeric cushion bonded to a side of said member, said cushion having alternate flat-topped ridges and valleys extending across the pad, said valleys in a direction crosswise thereof being generally concavely shaped and extending to the tops of said ridges, the opposing edges at the top of at least one of said ridges being further apart at the ends of the ridge than at the mid-point of the ridge, said ridges and valleys being so contoured that upon compression of said pad, the opposing top edges of said ridges flow toward each other in such a manner as to come into contact substantially simultaneously along the length of the ridges.

Comp. Specn. 11 Pages.

Drg. 2 Sheet.

CLASS 152A & F.

149364.

Int. Cl.-C08b 25/00.

### METHOD OF PRODUCING A BINDER COMPOSITION USEFUL IN THE MANUFACTURE OF ARTICLES

# OF BONDED PARTICULATE MATERIAL SUCH AS FOUNDRY MOULDS OR CORES.

*Applicant* : FOSECO INTERNATIONAL LIMITED, OF 285 LONG ACRE, NECHFILLS, BIRMINGHAM B7 5JR, ENGLAND AND CO-OPERATIVE VERKOOP-EN, PRODUCTIEVERENIGING VAN AARDAPPEIMEEL EN DERIVATEN "AVEBE" G.A., OF BENEDEN, OOSTERDIEP 27, VEENDAM, HOLLAND.

*Inventors* : RAYMOND DOUGLAS GEORGE AND JOHN STEVENSON.

Application No. 383/Del/77 filed November 9, 1977.

Convention date November 11, 1976/(47651/76) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

17 Claims. No drawings.

A method of producing a binder composition in aqueous solution, which method comprises mixing in any order : (i) an alkali metal silicate, (ii) a substantially water soluble carbohydrate selected from glycans; glycan oligosaccharides; glycanitols glycanitol derivatives of oligosaccharides; and monosaccharides and disaccharides and derivatives thereof, (iii) an oxyanion of boron, tin, germanium, tellurium or arsenic, capable of forming with the carbohydrate a water soluble complex, and (iv) water.

Comp. Specn. 41 Pages.

Drgs. Nil.

CLASS 172E.

149365.

Int. Cl.-B65h 54/00.

# APPARATUS FOR TRANSPORTING SPINNING COPS IN AUTOMATIC WINDING MACHINES.

*Applicant* : SCHWEITER ENGINEERING WORKS LIMITED, OF HORGEN, SWITZERLAND.

*Inventor* : XAVER SUTER.

Application No. 1035/Cal/76 filed June 14, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Apparatus for transporting spinning cops in automatic winding machines comprising : gripper means having a centering cone to center a spinning cop form and a plurality of circularly located gripper jaws arranged to engage the outer surface of an end of the cop form and to clamp the cop therebetween operating levers linked to and supporting the gripper jaws; spring means attached to the respective gripper jaws and to the respective operating levers and tending to hold the jaws in open position but permitting rocking of the jaws to a cop engaging position; said gripper jaws defining an area forming an engagement zone located on facing surfaces of the gripper jaws and positioned relative to the attachment point of the spring means on the jaws to effect closing movement of the gripper jaws to cop engaging position upon axial pressure directed against said engagement zone by said end of the cop.

Comp. Specn. 16 Pages.

Drg. 2 Sheets.

# PATENTS SEALED

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# REGISTRATION OF ASSIGNMENTS, LICENCES ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

112776 } M/s. Spindel Fabrik Sussen, Schurr.  
125163 } M/s. Stahlecker & Grill G.m.b.H.

# PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

- 142688 (03-08-74) Method and apparatus for mercerising cellulosic textile materials.
- 143026 (03-01-76) An improved process for the preparation of para-tertiary butryl phenol.
- 143052 (13-06-74) Process for the catalytic epoxidation of olefinic compound.
- 143086 (02-08-74) Electrochemical process involving a circulating bed electrode and apparatus for carrying out said process.
- 143087 (03-09-74) Process for oxyhalogenation at hydrocarbons and/or their derivatives.
- 143090 (14-01-75) Process for the production of highly active pulverulent mass and apparatus therefor.
- 143095 (31-05-76) Process for treating the gas main washing liquid arising in coke ovens.
- 143096 (03-09-76) Method of fluorinating a surface at an extensible elastomeric hydrocarbon article.
- 143216 (24-02-76) An improved process for electro thermal distillation of metals and alloys and apparatus therefor.
- 143276 (29-01-76) An improved process for the manufacture of charcoal blocks for polishing metal surfaces in photo-gravure and electroplating industries.
- 143315 (18-03-75) Process for the preparation of new water-soluble naphthylmonoazo pyrazolone dyestuffs.

# RENEWAL FEES PAID

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## REGISTRATION OF DESIGNS

Name

Appln. No.

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 150149. Nutan Welding Works, an Indian Proprietary Firm of Near Sudamada Darwaja, Sayala-363430, Dist. Surendranagar, Gujarat, India, "Stove". November 25, 1980.

Class 3. No. 150319. Flettner Ventilator Limited of 2 Basing Hill, London NW11 8th, England, "Ventilator". Priority date July 25, 1980.

Class 3. No. 150357. Minni Trading Corporation, an Indian Partnership Firm of 5-B, Kanchan Villa, Goraswadi, Malad, Bombay-400064, Maharashtra. "Bottle neck cap". February 3, 1981.

Class 3. No. 150532. Asian Advertisers of 20, Kala Bhavan, 3, Mathew Road, Opera House, Bombay-400004, Maharashtra, an Indian Partnership Firm. "Torch". March 16, 1981.

Class 4. No. 150530. Sunshine Cosmetics Manufacturers of 15-B, Shalimar Industrial Estate, Matunga Labour Camp, Kolwada, Bombay-400019, Maharashtra, an Indian Sole Proprietary Firm. "Bottle". March 16, 1981.

Class 4. No. 150531. Sunshine Cosmetics Manufacturers of 15-B, Shalimar Industrial Estate, Matunga Labour Camp, Kolwada, Bombay-400019, Maharashtra, an Indian Sole Proprietary Firm. "Bottle". March 16, 1981.

Class 4. No. 150480. Pareshnath Das Deb of 79B, Patal-danga Street, Calcutta-9, West Bengal, Indian. "Droghboard Panel". February 27, 1981.

Class 4. No. 150537. Ossa Products of 13, Aziz Estate, 286-B, S.G. Barve Marg, Kurla West, Bombay-400070, State of Maharashtra, India, a partnership firm. "A container". March 17, 1981.

Class 11. No. 150309. Meera Scientific & Surgical Company of B-212, Patel Shopping Centre, Chanda-varkar Road, Borivli (West), Bombay-400092, Maharashtra, an Indian Proprietary Firm. "Waist Girdle". January 21, 1981.

Name Index of applicants for Patents for the month of July, 1981 (Nos. 718/Cal/81 to 865/Cal/81. 190/Bom/81 to 225/Bom/81, 129/Mas/81 to 138/Mas/81 and 423/Del/81 to 489/Del/81).

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## A

A/S Norcom, Section for Research & Development.—453/Del/81.

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Ahmedabad Textile Industry's Research Association.—201/Bom/81.

Air Products and Chemicals Inc.—467/Del/81.

Akzo Nv.—812/Cal/81.

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American Cyanamid Company.—800/Cal/81.

American Hospital Supply Corporation.—459/Del/81.

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Atawane, V. M.—190/Bom/81.

Automotive Ancillary Services.—137/Mas/81

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Bharat Heavy Electricals Ltd.—434/Del/81.

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Brown & Williamson Tobacco Corporation.—751/Cal/81.

Bureau BBR Ltd.—746/Cal/81.

## C

C. I. L. Inc.—468/Del/81.

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CGEE Alsthom.—443/Del/81.

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Chloride Silent Power Limited.—454/Del/81.

Chopra, A.—220/Bom/81.

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Chugai Denki Kabushiki Kaisha.—784/Cal/81.

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Combustion Engineering, Inc.—792/Cal/81, 820/Cal/81.

Commonwealth Scientific and Industrial Research Organization.—752/Cal/81.

Compagnie Francise Des Aciers Speciaux.—439/Del/81.

Corning Glass Works.—731/Cal/81.

Council of Scientific and Industrial Research.—479/Del/81.

Crane Packing Limited.—833/Cal/81.

Crompton Greaves Limited.—208/Bom/81.

## D

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Daga, K. M.—461/Del/81.

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Daga, S. U. (Mrs.)—461/Del/81.

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Degussa Aktiengesellschaft.—813/Cal/81, 814/Cal/81.

Dengwekar, R. B.—204/Bom/81.

Dent, H. R.—850/Cal/81, 851/Cal/81.

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Diamond Shamrock Industrial Chemicals Limited (formerly known as Lankro Chemicals Limited).—430/Del/81.

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Dresser Europe S.A.—807/Cal/81.

Dresser Industries, Inc.—475/Del/81.

Dulux Australia Limited.—425/Del/81.

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Dynamit Nobel Aktiengesellschaft.—842/Cal/81.

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Green Cross Corporation, The.—758/Cal/81.	
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<b>J</b>	
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Maschinenfabrik Rieter A.G.—843/Cal/81.	
Metal Box India Limited (formerly known as The Metal Box Company of India Limited).—796/Cal/81.	
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Mitchell, A. W.—487/Del/81.	
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N. V. Philips' Gloeilampenfabrieken.—719/Cal/81.		Siemens Aktiengesellschaft.—740/Cal/81, 741/Cal/81, 742/Cal/81, 743/Cal/81, 759/Cal/81, 760/Cal/81, 788/Cal/81, 815/Cal/81.	
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<b>S</b>		Velsicol Chemical Corporation.—485/Del/81.	
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S. VEDARAMAN,

Controller-General of Patents,  
Designs and Trade Marks.